

Spectral Determination of the Isotopic Composition of Lithium, by A. N. Zaidel', A. N. Razumovskiy, M. P. Chaika, 7 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol X, No 1, 1961, pp 15-26

OSA

764, 556

Sci

Jun 61

The Spectral Analysis of Small Samples of  
Actinium, by N. I. Kalitayevskiy, A. N.  
Razumovskiy, 4 pp.

RUSSIAN, par, Atomnaya Energiya, Vol III, No 12,  
1957, pp 548-549.

Consultants Bureau

Sci - Physics

Oct 58

74, 484

(R-300)

Improvements in Apparatus for Railroads,  
by D. A. Razumovskiy, 5 pp.

RUSSIAN, per, Avtomat, Telemekh i Svyaz,  
No 9, 1961, pp 3-5.

JPRS 11314

USER  
Econ  
Dec 61

178,245

Mediator Content of Tears of Healthy Persons and  
Glaucoma Patients, by M. I. Razumovskiy. 9 pp.  
RUSSIAN, per, Fiziologicheskii Zhurnal SSSR, Vol 49,  
No 9, 1963, pp 1089-1091.  
SLA TT-64-19230

*M. I. Razumovskiy*

Sci/B&M  
Jul 66

305,932

Elimination of Radioactive Cerium From the Organism  
Under the Influence of Triethylenetetramine Hexaacetic  
and Tetraethylenepentamine Heptaacetic Acids, by  
O. L. Torchinskaya, N. O. Razumovskiy, 9 pp.  
RUSSIAN, per, Radiobiol, Vol III, No 2, 1963, pp 270-275.  
9219348

AEC-Tr-5435

Sci  
Mar 64

252,677

Reduction of the Deposition in the Body of  $\gamma^{91}$  and  
 $Ce^{144}$  Through the Use of Certain Chelating Agents,  
by N. O. Razumovskiy, O. L. Torchinskaya, et al,  
8 pp.

RUSSIAN, per, Biofizika, Vol VI, No 5, 1961.

CB

Sci  
Sep 62

210,476

(NY-6725)

Distribution and Strength of Binding of  
Ca<sup>14</sup> in Bone Tissue, by N. O. Razumovskiy,  
O. L. Torchinskaya, 5 pp.

RUSSIAN, per, Med Radiolog, No 11,  
1960, pp 46-49.

JPRS 11907

Sci  
Jan 62

181, 484

ELIMINATING INDICATIONS FROM THE ORGANISM,  
BY V. S. BALASHOVA, N. O. KARDONOVSKIY, 8 PP.

RUSSIAN, PER, MEDIT RADICL, VOL. VII, NO 3, 1963,  
PP 71-76.

JUN 18 1966

DCI - BIOLOGICAL

MAY 63

128,833



Acceleration of the Elimination of Radioactive  
Isotopes of Yttrium and Cerium ( $Y^{91}$  and  $Ce^{144}$ )  
From the Rat Organism by Means of New Complexones,  
by N. O. Razumovskiy, O. L. Torchinskaya, et al,  
8 pp.

RUSSIAN, per, Radiobiologiya, Vol I, No 4, 1961,  
pp 512-516. 9202560

AEC-Tr-5425

Sci

Mar 63

224,679

Structure and Properties of High Molecular Organic  
Compounds, by V. V. Razumovskiy. 8 pp.  
RUSSIAN, per, Zhurnal Obshchei Khimii, Vol 9,  
1939, pp 460-466.  
SLA TT-61-16671

*V. V. Razumovskiy*

Sci/Chemistry  
Jul 66

305,997

Electrolytic Refining of Aluminum Using an  
Organocaluminum Electrolyte, by A. Boehm,  
H. Ginsberg, W. Heuter.

GERMAN, per, Aluminium, Vol XXVII, No 5,  
1961, pp 267-273.

Dept of Interior  
TN7 E57 No 470

*181,547*

Sci - M/M

Jan 62

Polymerization of Styrene in Emulsion Under the  
Influence of the Initiating System of Cumene  
Hydroperoxide-Triethylenetetramine, by S. D.  
Bazumovskiy, S. S. Medvedev, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 9, 1966, pp 1088-1093.

Consultants Bureau

Sol

Apr 60

112,159

Kinetics of the Reaction Between Cumene  
Hydroperoxide and Triethylenetetramine in  
Presence of Iron Salts in Aqueous Solutions,  
S. D. Razukovskiy, B. S. Izvedev, A. mp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 8, 1958, pp. 973-980.

973-980  
Consultants Bureau

Sci

Apr 60

112,222

(BT-390)

On the Transformation of Programs for Solving  
Complex Logical Problems to an Optimal Form,  
by S. N. Razumovskiy, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX, No 3,  
Jul 1961, pp 562-565.

JPRS 11088

Sci - Misc

175, 458

Dec 61.

Syntheses of Vinyl Monomers. III. Concerning the  
Syntheses of Vinyl Esters From Aceto- and Chloro-  
mercuriacetaldehydes and Concerning the Mechanism of  
These Reactions, by A. Ya. Yakubovich, V. V. Razuovski  
Z. N. Vostrukhina, S. M. Rosenztein, 6 pp.

RUSSIAN, per, Zhur Gbakh Khin, Vol XXVIII, No 7,  
1958, pp 1930-1936.

Consultants Bur

Sci - Chem

96,883

Structure and Reactivity of Aromatic Hydrocarbons.  
II. The Azo-Coupling Reaction of Phenylated  
Ethylenes with p-Nitrodiazobenzene Hydrochloride,  
by V. V. Bazumovskiy, E. F. Ryshkina, 5 pp.

RUSSIAN, per, Zhur (zhur) Khim, Vol XXVII, No 11,  
1977, pp 3143-3147.

Consultants Bureau

Sci - Chem

Jan 59

78,825



Means for Improving the Pneumo-transport or Con-  
veying Work in the Equipment for Catalytic Cracking,  
by I. M. Razumov.

RUSSIAN, no per, Khim i Tekh Topliva, No 12, 1956,  
pp 57-65.

Tech and Comm  
\$60.00

Sci - Chem  
Aug 57

51,001

From Our Post-War Research in the Field of Plant  
Physiology, by V. I. Razumov

RUSSIAN, per, Agrobiologiya, No 3, 1948,  
pp 19-28. Ref. 20 Ag822.

USDA

Scientific - Biology  
CTS/DEX

6345

X-Ray Analysis of the Molecular Structure of  
the Substance of Coal and Coke, by V.I.  
Kasatochkin, L. L. Hazumova; 4 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser' Fiz, Vol XX  
No 7, 1956, pp 751-754.

Columbia Tech

Sci - Phys

53, 233

Sep 57

Spectroscopic Investigation of a High Frequency  
Discharge in Neon, by O. P. Bochkova,  
L. P. Rasmovskaya, 5 pp.

RUSSEIAN, per, Optika i Spektro, Vol XI, No 6,  
1961, pp 697-706.

06A

Sci

Jan 63

220,720

Studies in the Field of Conjugated Systems. Part XCV.  
Reaction of Piperylene With Its HCl Addition  
Product and With the 1,4 HCl Addition Product of  
Isoprene, by A. A. Petrov, N. A. Razumova, M. L.  
Gonushov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 12,  
1958, pp 3220-3224.

ATS 82L3OR

Sci - Chem  
Sep 59  
Vol 2, No 2

97987

Properties and Reactions of Allyl and Aryl Propylene  
Phosphites. Communication 1. Addition Reactions, by  
A. E. Arbuzov, M. A. Razumova, 6 pp.

Full tr

RUSSIAN, no per, in Ak Nauk SSSR, Otdel Khim Nauk,  
No 2, 1956, pp 187-192. CIA 564938 C, Reel No 16

Consultants Bureau

Scientific - Chemistry  
Sep 56 CRS/dex

38,440

Geologic Types of Weathering Crusts, by V. N. Razumova, N. P. Kheraskov, 3 pp.  
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science  
Sections, Vol CXLVIII, No 1-6, Jan, Feb 1963.

Amer Geol Inst

Sci  
Jul 65

The Problem of Detecting Cadmium with p-Nitrophenyldiazoaminoazobenzene (Cadion),  
by V. P. Razumova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,  
No 6, 1957, pp 1433-1437.

Consultants Bureau

Sci - Chem

Sep 58

72,901



The Structure of Platinum Di-Triphenylphosphine  
Dichloride, by A. A. Grinberg, Z. A. Razumova,  
2 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXVII, No 1,  
USSR, Jan 1954, pp 105. CIA C 36893

Consultants Bureau

Scientific - Chemistry

CTB 66/Mar 55

21,671

Effect of Onion, Garlic and Bird Cherry on Seeds of  
Higher Plants, by M. B. Razumovich, S. M. Naumov

RUSSIAN, per, Priroda, Vol <sup>L</sup>X~~6~~, No 4, Apr 1951, pp  
64-65. 410 P933.

USDA

Scientific - Biology  
CTS/DEX

6339

Theoretical Strength and Critical Rupture Stress  
of Solid Bodies, by G. M. Bartenev, I. V,  
Razumovskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,  
No 2, 1960, pp341-.

AIP  
Sov Phys- Doklady  
Vol V, No 4

Sci

Mar 61.

141, 719

A Simplified Method of Spectral Analysis of  
Inert Gases for Purity, by O. P. Bochkova, L. P.  
Razumovskaya, S. E. Frish, 5 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol V, 1958,  
pp 93, 94.

AERE Tr 11/3/5/1165

Sci - Phys

May 59

86,168

Research on Physiology of the Acetobacter, by  
Z. G. Razumovskaya, M. S. Loytsyanskaya, 44 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXV, No 6,  
Moscow, 1956, pp 727-741.

FDD/X-3191

USSR

Sci - Medicine

7 Nov 58

A Contribution to the Discussion on Chemosynthesis, by  
Z. G. Razumovskaya, 4 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXVI, No 2, 1957,  
pp 228-231.

Amer Inst of Biol Sci

Sci - Biology  
Apr 58

60,964

Effect of Aeration on Multiplication and Oxidizing  
Activity of Acetobacter Suboxydans, by Z. G. Razu-  
movskaya, N. M. Mitlushova.

RUSSIAN, per, Mikrobiologiya, Vol XXIV, No 3, May/  
Jun 1955, pp 265-270. CIA D 9005076

UBDA

Sci - <sup>Biol</sup>  
Chem

May 57

4  
7,652

TP 890

RAZUMOVSKII N. O., TARGINSKAYA O. L.

The spread and binding of  $\text{Co}^{144}$  in the bone tissue

Dispersion et fixation du  $\text{Co}^{144}$  dans les tissus osseux

Med. Radiol., 5, No. 11, 46-49 (1960)

Commissariat à l'Energie Atomique, Saclay - French

E u r a t o m



Study of the Production of Cobalt and Tungsten-  
Carbide Powders, by H. Rutowski, B. Razumowski,  
I. Glincka,

POLISH, per, Prace Glownego Inst. Metaliurgii,  
Vol IV, 1952, No 4, pp 153-160.

Brutcher Tr No 3487  
\$6.85

23,135

Scientific - Min/Metals

Apr  
May 55 CTS

( NY-3427 ).

Concerning the Remarks of I. K. Petrovich and N. O. Razumovskiy on the Collection "Materials on the ~~Tex~~ Toxicology of Radioactive Substances" (Letter to the Editor), 5 pp.

RUSSIAN, per, Medit Radiolog, No 1, 1959.

JPRS 2286

Sci - Medicine

Oct 60

130,942

(NY-2619).

Conference on the Problem of Radiostrontium (Moscow, Dec 1958),  
by N. O. Razumovskiy, 6 pp.

RUSSIAN, per, Medit R dialog, No 3, 1959, pp 92-94.

JPRS-L-870-N

Sci - Medicine, Radiology  
Jul 59

92,832

Hydrolysis of Ethyl Sulfates, by S. D. Razumovskiy,  
I. N. Bartinitskiy, V. P. Lyutyy, L. P. Kirillova,  
7 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIII, No 4,  
1960, pp 877-883.

CB

150,697

Sci

May 61

of Problems of Automating the Programming  
Into Another, by S. N. Razumovskiy, 4 pp.

RUSSIAN, thrice-a-month per, Dok Ak Nauk SSSR,  
Vol ~~CXIII~~, No 4, 1957, pp760-761.

SLA R-1974

Sci - Engr

Nov 57

*also*  
X-2714 54,990  
Morris S. Friedman

Automation Express  
Vol 1, No 81  
Internatl Physical  
Index

Certain Problems of Automatic Translation, by  
I. K. Bel'skaya, L. N. Korolev, I. S. Mukhin,  
C. Yu. Panov, S. N. Razumovskiy, 20 pp.

RUSSIAN, per, Vest: Ak Nauk SSSR, No 12, 1956,  
pp 24-33.

ATIC F-TS-9118/V

Engineering  
Mar 57

46, 475

(FDD 29217)

Experiments in Automatic Translation on the BESM  
Electronic Computer (USSR), by G. P. Zelenkevich,  
L. N. Korolev, S. N. Razumovskiy, 14 pp.

RUSSIAN, no per, Priroda, Moscow, Aug 1956,  
pp 81-85.

CIA/FDD U-9024

USSR

41, 014  
Sci - Electronics, ~~EMMEX~~ Computer Applications  
Oct 56

Syntheses of Vinyl Monomers. V. Syntheses of  
Cyano-Substituted Acrylates, by A. Yakubovich, V.  
Razumovskiy, S. Rozenshtein, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,  
1958, pp 2292-2295.

CB

Sci - Chem  
Oct 59

99,965



More Attention to Evening (Shift) Schools, by V. G.  
Razumovskiy. 4 pp.

RUSSIAN, per, Shkola i Proizvodstvo, No 8, 1960.

Internatl Arts & Sci Press  
Soviet Education  
Vol III, No 8

USSR

Soc

Aug 61

162,371

Vladimir Yakovlevich Kurbatov, by K. P.  
Mishchenko, V. V. Razumovskiy, 12 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 11,  
1959, pp 3513-3522.

CB

Sci  
Oct 60

132, 658

Synthesis of Vinyl Monomers. III. Synthesis of  
Compounds with a Carbonyl Group, by A. Ya.  
Yakubovich, V. V. Razumovskiy and I. H. Belyayeva,  
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 3,  
1958, pp 680-681.

Consultants Bureau

Sci - Chem

May 59

87,368

Growing Substances. Chemistry, by V. V. Razumovskii,  
RUSSIAN, per, Priroda, No 6, Jun 1948, pp 46-48.

USDA Trans No 236

USSR  
Scientific - Biology, growth substances, chemistry

RT-2433

A 9760

RAZUMOVSKII, V. V., and FRIDENBERG, A. E.

Preparation of 1-Chloro-2-Fluoroethane

Zhur Obshch Khim, Vol XIX, No 1, 1949 (Jan), pp 83-85

Consultants Bureau Translation

A-2745

The Problem of the Electronic Structure and  
Reactivity of Free Radicals, by V. V. Ra-  
zumovskiy, 2 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No  
5, 1957, pp 1215-1217.

Consultants Bureau

Sci - Chem

Sep 58

72,857

Problems of Chemical Structure in the Works of  
D. I. Mendeleev, by V. V. Razumovskiy, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 6,  
1957, pp 1414-1422.

Consultants Bureau

Sci - Chem

Sep 58

72,899

The Development of the Theory of Chemical  
Structure in the Works of V. V. Markovnikov,  
by V. V. Razumovsky, 17 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 3,  
USSR, Mar 1954, pp 393-412. CIA D 151317

Consultants Bureau

Scientific - Chemistry

CTS 68/May 55

23,817



Streptomycin and Its Structural Elements, by V. V.  
Razumovskiy

RUSSIAN, per, Priroda, Vol XIXVI, No 3, 1947, pp 45-46.

Research Information Service  
53 Nassau Street  
New York 5, N. Y.  
R.618

Scientific - Biology

32,686

Apr 56

The Problem of the Structure of Organic Molecules,  
by V. V. Razumovsky,

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,  
No 6, 1955, pp 1235

Consultants Bureau

Scientific - Chemistry

41,361

Vladimir Yakovlevich Kurbatov and His Physico-  
Chemical Investigations, by V. V. Razumovsky,  
8 pp. UNCLASSIFIED.

RUSSIAN, per, Zhur (Obshch Khim, Vol XXIII, No 4,  
April 1953, pp 529-536.

Consultants Bureau Tr

Scientific Chemistry

13,213

Growth Substances for Plants, by V. V. Razumovskii.

RUSSIAN, Priroda, 37(6):46-48, Jun 1948, 410 P933.

USDA Tr No 77

Scientific - Biology, herbicides

USSR

Economic - Agriculture, herbicides

A-9761

The Ratio Between Live and Dead Bacteria in  
a Multiplying Culture of Acetobacter Melano-  
genum, by G. Nazumovskaya, I. V. Osipova,  
5 pp. ~~5~~ Z.

RUSSIAN, per, Microbiol, Vol XXVII, No 6,  
1958, pp 727-732.

Amer Inst of Biol Sci

Sci - Biol

Jun 59

89,274

Changes in the Functional Condition of the  
Lungs in the Arterial Shock in Intact and  
Excised Animals by V. T. Popov, A. N.  
Razumneyev, G. A. Ryazhkin

RUSSIAN, no per. Voenno Med Zhur, No 7,  
Moscow, July 1960, pp 32-35

US JPRS 7432

136,795

Sai  
Don't

TT-65-13434

Field 7C

Razuvaev, G. A.; Brilkina, T. G.  
FREE-RADICAL REACTIONS OF  $M(B(C_6H_5)_4)$ .  
8p, 12 refs.

Order from SLA: \$1.10 as TT-65-13434

Trans. of Akademiya Nauk SSSR. Doklady, v85 n4  
p815-8 1952.

MIR 655

TT-65-13435

Field 7C

Razuvaev, G. A.; Brilkina, T. G.  
INVESTIGATION OF THE FREE RADICAL REACTIONS  
OF THE COMPLEXES  $M(BR_4)$ . 7p, 9 refs.  
Order from SLA: \$1.10 as TT-65-13435.

Trans. of Akademiya Nauk SSSR. Doklady, v91 n4  
p861-4 1953.

NR 655



New Monocyclopentadienyl Derivatives of Titanium,  
by G. Razuvaev.  
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol 156,  
No 5, 1964, pp 3-1121  
CSIRO/No 7170

*G. RAZUVAEV.*

Sci -  
Aug 67

336,743

Thermal Decomposition of Some Organotitanium  
Compounds, by L. M. Bobinova, G. A. Razuvaev,  
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII,  
No 7, 1963, pp 2389-2393.

CB

Sci  
Aug 64

264,577

RAZUVAYEV, G. A., and OLDEKOP, Y. A., Chair of Organic Chemistry, Gorkiy State U.

The Photochemical Reactions of Organometallic Compounds of Mercury in Solutions. V. The Photochemical Reactions of  $\alpha$ -Dinaphthylmercury

Zhur Obshch Khim, Vol XX, No 3, 1950 (Mar), pp <sup>506</sup>~~535~~  
~~542~~ 510

Consultants Bureau Translation

19652

Thermal Decomposition of Bis(1-Methylper-  
carbonatocyclohexyl) Peroxides, by G. A. Fazuvayev,  
A. I. Kirillov, 7 pp.

RUSSIAN, per, Zhur Obshchoi Khim, Vol XXXIII,  
No 1, 1963, pp 131-137, pp i

CB

Sci =  
Dec 63

246,674

Syntheses Using Free Hydroxyl Radicals. IV. Reaction  
of Methyl n-Butyrate and Ethyl Propionate with Fenton's  
Reagent, by L.S. Boguslavskaya and G.A. Razuvaev,  
6 pp.

RUSSIAN, per, Zhur Obshch Khim,  
Vol XXXIII, No 6, 1963, pp 2021-2026.

CB

Sci

May 64

259,628

RAZUVAY, G. A., Minsker, K. S., and Shapiro, I. Z.  
COPOLYMERIZATION OF STYRENE WITH PROPYL-  
ENE IN THE PRESENCE OF A HETEROGENEOUS  
ZIEGLER-NATTA CATALYTIC SYSTEM. [1963] 6p.  
Order from ATS \$8.80  
ATS-05Q69R

Trans. of Vysokomolekululyarnaya Soedineniya (USSR)  
1962, v. 4, no. 12, p. 1833-1836.

DESCRIPTORS: \*Copolymerization, Styrenes,  
\*Propenes, Catalysis, Ziegler catalysts.

63-17335

- I. Title: Natta catalysts
- I. Razuvaev, G. A.
- II. Minsker, K. S.
- III. Shapiro, I. Z.
- IV. ATS-05Q69R
- V. Associated Technical  
Services, Inc.,  
East Orange, N. J.

1242861

Office of Technical Services

(Chemistry--Physical, TT, v. 10, no. 5)

Reaction Mechanism Studies on the Disproportionation  
of Hexaethyldistannane, by G. A. Razuvayev, N. S.  
Vyazankin, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 11,  
1961, pp 3762-3768.

CB

Sci

213.165

Aug 62

Reaction of Hexaethylcyclotrisiloxane with H<sub>2</sub>O Derivatives.  
By G. I. Razuvayev, Yu. I. Dergunov pp. 1

RUSSIAN, pbr, Zhur Obshch Khim, Vol XXXII,  
No 8, 1962. pp. 2515-2520

CS

Sci

340, 685

Jul 63



Reactions of Peroxides with Organic Derivatives of  
Silicon, Tin, and Lead, by G. A. Razuvaev and N. S.  
Vyazankin, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 7, 1962,  
pp. 2161-2168.

CB

Sci

340,974

May 63

Chemical Reactions of Organotin Compounds  
Some Halogen Derivatives, by G. A. Rezuvaev and N.  
S. Vyazankin, 6 pp.

RUSSIAN, per, Zhur Oshch Khim, Vol XXXII, No 7, 1962,  
pp. 2154-2159.

CB

Sci

340,973

May 63

Syntheses With Free Hydroxyl Radicals II.  
Reactions of Aliphatic Esters With Hydroxyl  
Radicals, by G. A. Razuvayev, et al, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 10,  
1961, pp 3440-3447.

CB

Sci  
Sep 62

211,814

Radical Reactions of Percarbonates. II. Decomposition  
of Dicyclohexylperoxydicarbonate in Benzene and  
Acetic Acid in the Presence of Metals and Metal  
Salts, by L. M. Terman, G. A. Razuvaev, 4 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 9,  
1961, pp 3132-3135.

CB

Sci  
Oct 62

214,639

The Decomposition of Cumene Hydroperoxide  
Catalyzed by KU-2 Cation-Exchange Resin, by  
G. A. Razuvayev, V. A. Shushunov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,  
No 5, 1961, pp 1128-1131.

CB

Sci

200,805

Jun 62

Reaction of Sulfur Dioxide with Some Alkylene Oxides:  
by G. A. Razuvaev, V. S. Etlis, L. N. Grobov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 4, 1961,  
pp. 1328 - 1331

CB

196,720

Sci

Studies of Radical Reactions of Pentaphenylantimony, by  
G. A. Razuvaev, N. A. Osanova, N. P. Shulayev, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 10,  
1960, pp 3234-3236.

CB

Sci

171, 729

Oct 61

Breakdown of Peroxides in Acids., by, G. A.  
Azauvayev, V.N. Latyeva, G. G. Petukhov. 5 pp.

RUSSIAN, per Zhur Obshch Khim,

Vol. XXII, No.1, 1961, pp. ~~268-273~~

268-273

CB

192,661

Sol



Mar 62

Study of the Thermal Decomposition of  
Acetylcyclohexanesulfonyl Peroxide in Various  
Solvents., by G. A. Razuvaev, V. R. Likhterov,  
V. S. Etlis. 5pp.

RUSSIAN, per Zhur Obshch Khim,  
Vol. XXXI, No.1, 1961, pp. ~~265-273~~  
274-280  
CB

Sci

Mar 62

192, 600

Reaction of Tetraethyllead with Halohydrocarbons,  
by G. A. Razuvaev, Yu. I. Dergunov, M. S.  
Vyazankin, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No3,  
1961, pp 998-1002.

CB

Sci

192,179

Mar 62

Thermal Decomposition of Tetraethyl-Lead,  
Hexaethylindiumbane and Their Analogs. V. Decomposition  
and Disproportionation Reaction of Hexaethyldistannane,  
by G. A. Razuvaev, N. S. Vyazankin, 4 pp.

RUSSIA, per, Zhur Obshch Khim, Vol XXXI, No 5  
1961, pp ~~1706-1711~~ 1712-1715

CH

Sci  
Mar 62

191,992

Thermal Splitting of Tetraethyl Lead, Hexaethyl  
Diplumbane and Hexaethyl III. Reaction of Homolytic  
Splitting of Hexaethyl Diplumbane and Hexaethyl  
Distannane, by G. A. Razuvaev, N. S. Vyazankin, O. A.  
Shcheptekova, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 8, 1960,  
pp 2498-2505.

CB

168,819

Sci

Sep 61

(N SF-1878)

Homolytic Reactions in the Liquid Phase, by  
G. A. Rezuwayev, V. H. Ishtayeva, T. G.  
Brilliana, 5 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Y No 4,  
1961, pp 124-127.

JPRS 11376

Sci - Chem  
Jan 62

178, 503

Free Radical Reactions of ~~XXX~~ Bis(Cyclopentadienyl)  
Diphenyltitanium, by G. A. Razuvayev, V. N. Lamyayeva,  
et al, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 8,  
1961, pp 2667-2674.

CB

Sci  
Jul 62

205,281

Some Reactions of Triphenylaluminum, by G. A. Razuvayev,  
E. V. Mitrofanova, G. G. Petukhov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,  
1960, pp 1996-2001.

CB

Sci.  
Aug 61

162,564

Autocondensation Reactions of Cyclic Ketones and  
Condensations with Ammonia, by S. V. Svatozarskiy,  
G. A. Razuvaev, E. N. Zil'berman, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XIX, No 6,  
1960, pp 2042-2046.

CB ,

Soi  
Aug 61

162,558



Razuvaev, G. A. and Vasilyevskaya, N. S.  
REACTIONS OF CARBON TETRACHLORIDE WITH  
ALCOHOLS, tr. by L. J. Goodlet. July 60 [6]p. 6 refs.  
AWRE Trans. U. 143; [DSIR LLU] M. 2316.  
Order from LC or SLA mi\$1.80, ph\$1.80 61-15459

Trans. of Akademiya Nauk SSSR. Doklady, 1951,  
v. 80, no. 1, p. 69-72.

61-15459

1. Alcohols--Chemical reactions
2. Carbon tetrachloride--Chemical reactions
  - I. Razuvaev, G. A.
  - II. Vasilyevskaya, N. S.
  - III. AWRE-U-143
  - IV. DSIR LLU M. 2316
  - V. Atomic Weapons Research Establishment (Gt. Brit.)

Office of Technical Services

(Chemistry--Physical. FI. v. 5, no. 12)

The Determination of Organoaluminum Compounds by  
the Indicator Method, by G. A. Razuvayev, A. I.  
Graevskiy,

RUSSIAN, per, Dok Ak Nauk, Vol CXXVIII, 1959,  
pp 309-311.

ATS RJ-2105

Sci - Chem

May 60

115,398

Reaction of Benzoyl Peroxide With Titanocene  
Derivatives, by G. A. Razuvayev, V. N. Latyayeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII, No 5,  
1961, pp 1126-1129.

CB

Sci

May 62

195,212

Reactions of Peroxides with Hexamethyldisiloxane and  
Hexamethyldisilane.

By N. S. Vyazankin, G. A. Razuvayev pp. 6

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11,  
1962, pp. 2008-2014

CB

Sci

344,513

Sep 63

The Chlorination of Propylene Glycol, by G. A.  
Razuwayev, I. F. Spasskaya, V. S. Etlis, 4 pp.

RUSSIAN, per, Zhur Otahch Khim, Vol XXX, No 2, 1960,  
pp 653-656.

CB

Sci

May 61

154,095

Reactions of Benzoylalkanesulfonyl Peroxides  
With Organic Solvents, by G. A. Razuvayev, V. R.  
Likhterov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 6,  
1962, pp 2033-2038.

C  
DS

Sci  
May 63

233,013

Radical-Exchange Reactions in the Presence of  
 $\text{AlCl}_3$ , by G. A. Razuvaev, G. G. Petukhov,  
A. G. Artemyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII,  
No 5, 1958, pp 960-963.

Consultants Bureau

Sci-Chem

Jun 59

88,794

62-14628

Razuvaev, G. A., Latyaeva, V. N., and Vyshinskaya, L. I.

REACTIONS OF BENZOYL PEROXIDE WITH TITANOCENE DERIVATIVES [Reaktiv Pereksid Benzolla s Proizvodnyim Titanotsena]. 29 Sep 61 [7]p. 3 refs. Order from OTS or SLA \$1.10 62-14628

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961, v. 138 [no. 5, p. 1126-1129].

DESCRIPTORS: \*Benzoyl radicals, \*Peroxides, Metal-organic compounds, \*Titanium compounds, \*Cyclopentadiene, Pentadienes, Chemical reactions, Benzoates, Benzenes, Propanols, Alcohols.

No breakdown of the titanocene group took place in the reaction of benzoyl peroxide with  $Cp_2Ti$  in the cold in benzene or isopropanol solution. There was an instantaneous change in the color of the solution from dark green to bright yellow; no  $CO_2$  was evolved in the (Chemistry--Organic, TT, v. 8, no. 6) (over)

I. Razuvaev, G. A.  
II. Latyaeva, V. N.  
III. Vyshinskaya, L. I.

C222809

Office of Technical Services



The Preparation and Properties of Some Aryl Derivatives  
of Thioxanthene-5-Dioxide with Indicator Properties,  
by V. S. Etlis, G. A. Razuvaev, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,  
No 5, 1958, pp 1225-1226.

Consultants Bureau

Sci - Chem

Jul 59

93, 275

Radical Reactions of Percarbonates I. Thermal  
Decomposition of Dibenzyl and Dicyclohexyl  
Peroxydicarbonates in Benzene and Isopropanol,  
by G. A. Razuvaev, I. M. Terman, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 7,  
1960, pp 2387-2392.

CB 166, 234

Sci

Aug 61

Organozinc Compounds as Catalysts in the  
Polymerization of Propylene, by G. A. Razuvaev,  
L. M. Bobinova, V. S. Emlis, 4 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII,  
No 6, 1958, pp 1623-1625.

Consultants Bureau

Sci - Chem  
Sep 59

95, 789

The Role of Oxygen in the Polymerization of Vinyl-  
idene Chloride, by G. A. Razuvayev, K. S. Minsker,  
15 pp.

RUSSIAN, per, Vysok Soedineniya, Vol II, No 6,  
1960, pp 1239-1245,  
K-H 10010 a

Sci-Chem  
April 64

Pentaphenylphosphorus, by G. A. Razuvayev, H. A. Osanova,  
6 pp.

RUSSIAN, no per, Zhur (Obshch Khim, Vol XXVI, No 9,  
Sep, 1956, pp 2531-2536.

Consultants Bureau

RTS RJ-1220

Sci - Chemistry  
Feb 58

58,953

Sulfonation of Diphenylmethane, by V. S. Etlis, G. A. Razuvaev, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 4, Nov/Dec 1956, pp 842-844.

Sci - Chem

Consultants Bureau

Dec 57

56,699

The Structure of Organochromium Compounds, by  
G. A. Razuvaev, Yu. A. Sorokin, G. A. Dom-  
rachev, G. G. Petukhov, Yu. D. Tsvetkov,  
Yu. N. Molin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII,  
No 6, pp 1293-1294.

1957  
Consultants Bureau

Sci - Chem  
Aug 58

XX-494-IAC Ind l m only  
67, 042,

Electron Paramagnetic Resonance in Some Chromium-  
Containing Aromatic Compounds of Sandwich  
Structure, by Yu. D. Tsvetkov, V. V. Voevodsky,  
G. A. Razuvayev, Yu. V. Sorokin, G. A. Domrachev,  
4 pp.

<sup>I</sup>  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,  
1957, pp 118-.

Consultants Bureau

Sci - Chem

Aug 58

70,962



Study of the Radical Reactions of Phosphorus Pentaphenyl. IV. Reactions of Phosphorus Pentaphenyl with Methyl Iodide. Study of the Mechanism of the Radical Reactions of Phosphorus Pentaphenyl with the Aid of Diphenylpicrylhydrazine and Diphenylpicrylhydrazyl, by G. A. Razuvaev, N. A. Osanova and I. A. Shlyapnikova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 6, 1957, pp 1466-1468.

T

Consultants Bureau

Sci - Chem -- Sep 58

72,906

Sep 58

The Chlorination of Ethylene Glycol, by I. F.  
Spasskaya, V. S. Etlis, G. A. Razuvayev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 7,  
1958, pp 1827-1830.

Consultants Bur

Sci - Chem  
Sep 59

96,862

Reaction of Acyl Peroxides with Metals, by G. A.  
Razuvayev, V. N. Lamyayeva, 5 pp.

RUSSIAN, per, Zhur: Obshch Khim, Vol XXVIII, No 8,  
1958, pp 2233-2238.

CB

Sci - Chem  
Oct 59

99,950

The Polymeric Peroxide of Vinyl Chloride, by  
G. A. Razuvayev, K. S. Minsker, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XVIII,  
No 4, 1958, pp 983-990.

Consultants Bureau

Sci - Chem  
Jun 59

89,146